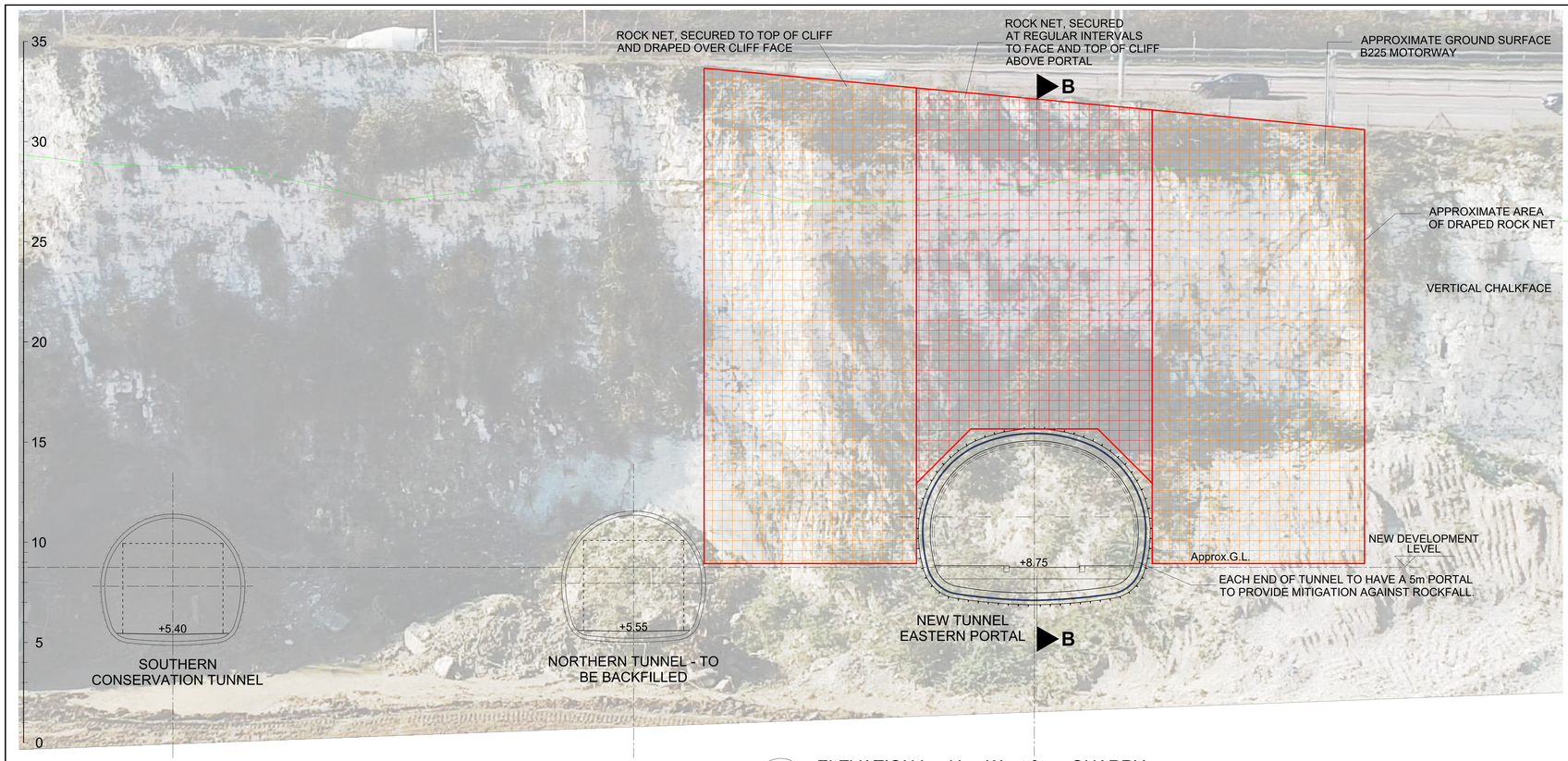
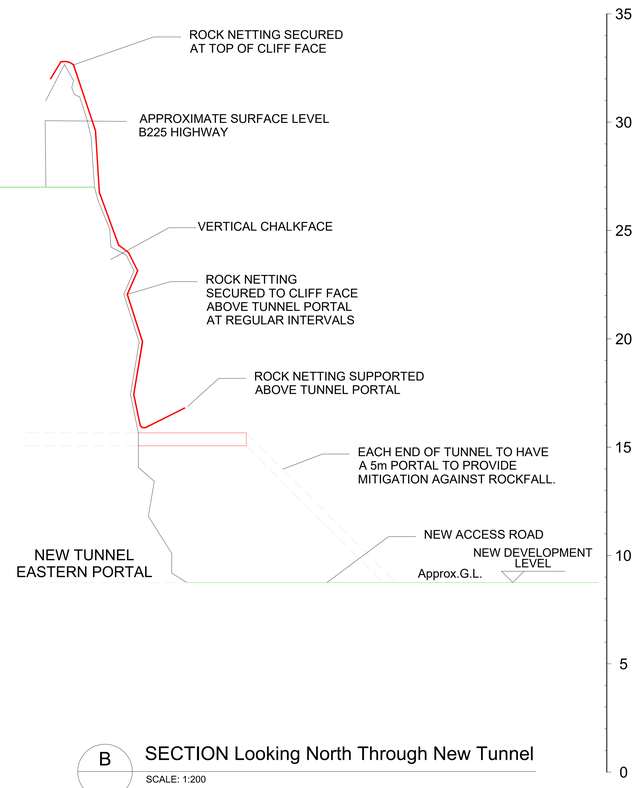


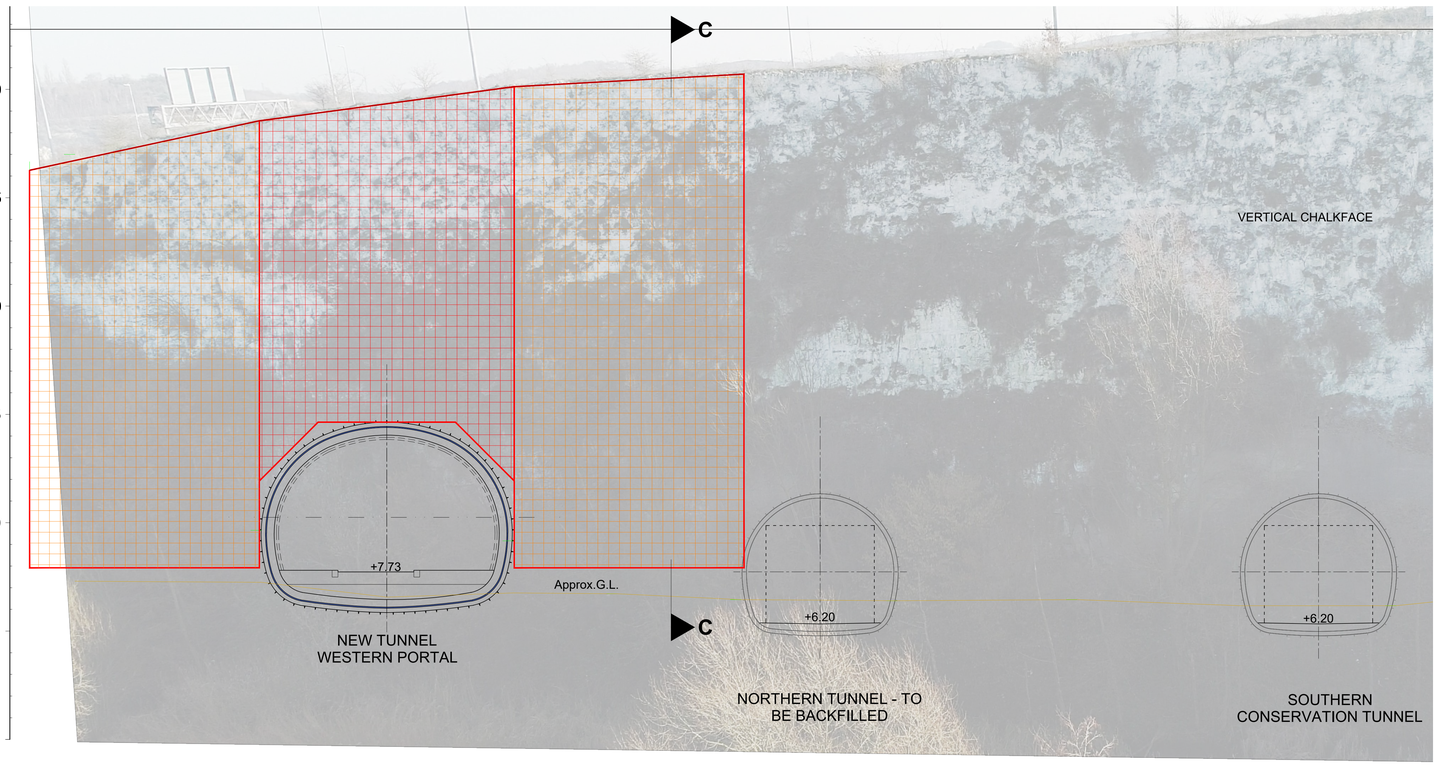
A ELEVATION Looking West from QUARRY

SCALE: 1:200



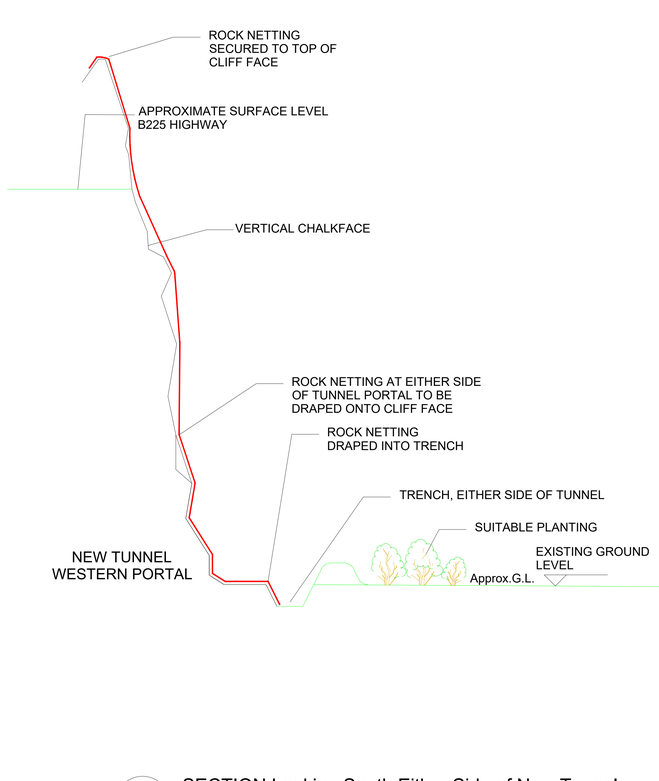
B SECTION Looking North Through New Tunnel

SCALE: 1:200



D ELEVATION Looking East from BLUEWATER

SCALE: 1:200



C SECTION Looking South Either Side of New Tunnel

SCALE: 1:200

NOTES:.

1. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
2. DO NOT SCALE FROM THIS DRAWING.
3. ALL EXISTING STRUCTURES BASED ON RECORD DRAWINGS. DIMENSIONS AND LEVELS SHOULD BE CONFIRMED THROUGH SURVEY
4. DMRB STANDARDS USED TO SPACEPROOF TUNNELS. DMRB TD 27/06 & DMRB BD 78/79 FOR ROAD GEOMETRY USED FOR THE BUS TUNNEL. DMRB TD 36/93 FOR TYPICAL SEGREGATED SUBWAY ENVELOPE. FOR COMBINED USE DMRB TA 90/05 FOR SEPARATION BETWEEN NMU ROUTE AND CARRIAGEWAY.
5. FINAL WATERPROOFING DETAILS SHOULD BE CO-ORDINATED WITH THE GROUND WATER MANAGEMENT STRATEGIES OF THE ADJACENT QUARRIES.
6. REVISION INFORMATION FOR P03 - CLIFF FACE AND NOTE ADDED, CYCLE LANE MOVED TO NORTH SIDE, HEAD HEIGHT INCREASED TO 5300mm, LIGHTING CHANGED TO SINGLE CENTRALLY PLACED, TUNNEL WESTERN PORTAL ENTRANCE MOVED.
7. REVISION INFORMATION FOR P04 - LAND TITLES REVISED FOLLOWING BCLP COMMENTS COMPOUND ZONE PLAN ADDED.

PHASE 1.

IN A) AND B) REMOVAL OF UNSTABLE OR LOOSE MATERIAL TO REDUCE THE RISK OF ROCKFALL

PHASE 2.

IN A) : APPLY CONTAINMENT SOLUTION USING DRAPED NETTING

IN B) : APPLY A CONTAINMENT SOLUTION USING CONTOURED NETTING OR DRAPED WITH ROCK NET TO PROTECT THE TUNNEL PORTAL.

PHASE 3.

IN A) : EXCAVATE A TRENCH AT THE TOE OF THE CLIFF TO CATCH FALLEN AND ROLLING ROCKS. EXTRA PROTECTION COULD BE PROVIDED BY SHRUBS PLANTED IN FRONT OF THE TRENCH, AS WELL AS CREATING AN AESTHETICAL SCREEN OF THE REMEDY.

Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd
P06	DEC 2019	CRA-Y REVIEW INCL N TUNNEL BACKFILL	JBL	NH	PW	PW
P05	OCT 2019	CRA-Y REVIEW INCL N TUNNEL BACKFILL	WJ	JL	JL	PW
P04	MAR 2019	COMPOUND ZONE PLAN ADDED, REVISED TO INCLUDE BCLP COMMENTS, SEE NOTE 7 ABOVE	XN	AB	PW	PW
P03	MAR 2019	REVISED TO INCLUDE CLIENTS COMMENTS, SEE NOTE 6 ABOVE	CL	AB	PW	PW
P02	FEB 2019	LAND OWNERSHIP DETAILS ADDED TO PLAN AND BUS LANE WIDTH UPDATED	CL	AB	PW	PW
P01	FEB 2019	FIRST ISSUE	CL	AB	PW	PW

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Client: KENT COUNTY COUNCIL

Project: FASTRACK FULL NETWORK BEAN ROAD TUNNEL

Drawing title: CLIFF FACE ELEVATIONS

Drawing status: PLANNING APPLICATION

Scale	as shown @ A0	DO NOT SCALE
Jacobs No.	B2350500	Rev P06
Client no.		

Drawing number: B2350500-JAC-DRG-GEO-0016

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